

Appl. No. 10/825,161
Amendment dated: April 7, 2005
Reply to OA of: January 7, 2005

This listing of claims will replace all prior versions and listings of claims in the application.

Listing of Claims:

1(currently amended). A self-operated mini therapeutic device for venous thrombus prophylaxis, comprising plural air passages and plural magnets defined in an air cushion, a mouth of each of the air passages connected respectively to a diverting valve via pipes, the diverting valve connected to an inflating and extracting mechanism via the pipes, so as to form air paths for inflation and extraction of the respective air passages in the air cushion, a control circuit employed to control the diverting valve and the inflating and extracting mechanism;

wherein the air cushion has a non-elastic outer layer adhered with a flexible inner liner, the air cushion is interiorly formed with the air passages which are arranged in the shape of "Z", the width of the respective air passages is 50-300mm, tiny magnets are evenly provided on a surface of the air passages, a magnetic field strength of the respective tiny magnets is 2-120 T, a longitudinal distance and a lateral distance between each adjoining magnets are 10-30mm;

wherein the inflating and extracting mechanism has the diverting valve, a mini air pump, a baroreceptor and a relief valve which are connected to a multi-way connector via the pipes, a max input pressure of the inflating and extracting mechanism is 20-300mmHg.

Claims 2-3(canceled).

4(original). The self-operated mini therapeutic device for venous thrombus prophylaxis as claimed in claim 1, wherein the control circuit comprises a DC power source of 2.5-6V, an oscillating circuit an amplifier circuit, a programmer, a kinesthetic receptor and a switch.

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5(original). The self-operated mini therapeutic device for venous thrombus prophylaxis as claimed in claim 1, wherein the diverting valve, the inflating and extracting mechanism, and the control circuit employed to control the diverting valve and the inflating and extracting mechanism are enclosed in a control box.